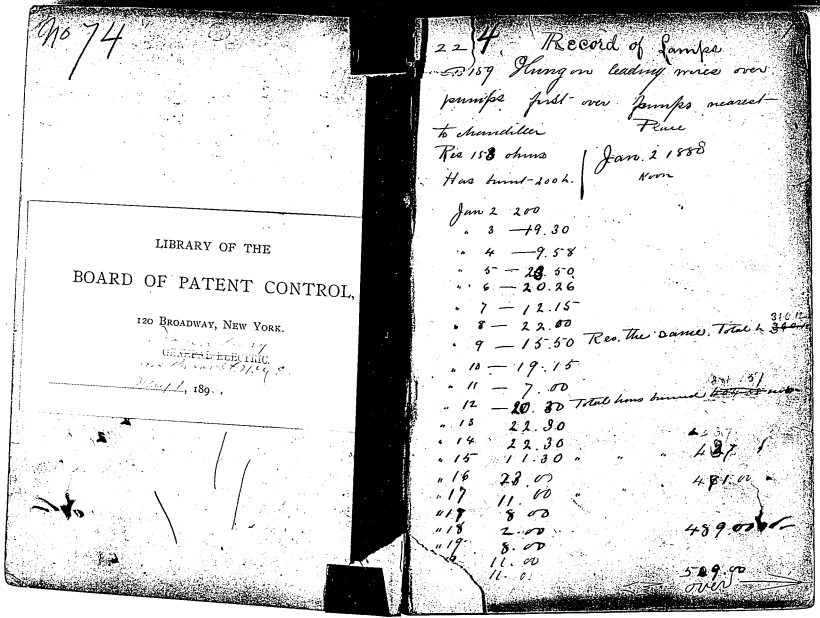
Menlo Park Notebook #74 [N-80-01-02.3]

This notebook covers the period January-March 1880. It was used, probably by Albert Herrick, to keep a record of lamps burning at the Menlo Park laboratory complex. An index to the lamps appears at the end of the book. The label on the front cover is marked "Record of Lamps." The book contains 284 numbered pages.


No 74
LIBRARY OF THE
BOARD OF PATENT CONTROL,
120 BROADWAY, NEW YORK.
GRAPHITE ELECTRIC CO.
, 189 .
22 4 Record of Samples
5589 Hungen leading wires over
pumps first over pumps nearest
to chandelier
Res 158 ohms
Has burnt-100 h.
Jan. 2 1888
Nom
Jan 2 200
" 3 — 19.30
" 4 — 9.58
" 5 — 18.50
" 6 — 20.26
" 7 — 12.15
" 8 — 22.80
" 9 — 15.50 Res. the same. Total h
" 10 — 19.15
" 11 — 7.00
" 12 — 20.80 Total hours burned
" 13 22.30
" 14 22.30
" 15 11.30 " " "
" 16 23.00
" 17 11.60 " "
" 18 8.00
" 19 2.00
" 19 8.00
11.00
11.00
OVER

Jan 20 Up to 5-09

20	11. 00	
21	9. 15	
22	15. 45	
23	8. 00	Total 553.10
24	5 00	
25	18 30	
26	6. 00	
27	10. 00 "	592.40
28	10. 40	Total Grs. 20
29	11 00	64. 20
30	10. 25	Gross 20
31	11. 00	685. 45
Feb 1	10. 00	
2	11. 00	656. 45
3	11. 00	
4	16 00	
	27. 00	

Bucket at 8 o'clock

Total hours 683. 45

228 Third chandelier up room 8
in laboratory

Res 140

Burnt 18 hours | Jan 2 1880 Flour room

Jan 3	32. 60	
4	9. 58	
5	23. 47	
6	20. 26	
7	12. 15	
8	22. 80	
9	15. 50	Total time burned 178.12
10	19. 13	
11	7 00 "	" 217. 17 room
12	20. 00 "	
13	22. 30 "	" 237. 47 "
14	22. 30	
15	11. 30 "	" 271. 17 "
16	11. 00 "	
17	22. 00	
18	11. 00 "	" 339. 17 "
18	18	
18	2	
19	8 00 "	" 367. 17 Total time

One clamp red-hot poor trimming

Buster at

158 Over Carmans desk Office

Rec. 126 chains | June 2/1880

Burnt 50 hours | Noon Page 81

June 2	60.00	
" 3	69.58	
4	29.50	
5	23.47	
6	20.26	
7	12.15	
8	22.06	
9	15.58	Total time burned 170.12
10	19.15	
11	7.00	" " 217.17
12	20.00	
13	22.30	" " 207.47
14	22.30	
15	11.30	" " 299.47
15	11.00	
16	22.00	
17	18.00	" " 382.17
17	8.00	
18	2.00	
19	19.00	" 372.17
20	11.00	
20	11.00	
21	9.15	
22	15.45	
23	8.00	" " 416.17
25	5.00	
25	14.30	
26	6.00	
26	10.30	" " 450.17
27	10.30	
	11.00	" " 471.57

Jan. 27	10.25	
" 28	11. 00	Total 5-38.14 noon
28	10. 00	
29	11. 00	Total 5-38.14 "
30	11. 00	"
31	11. 00	"

Buried at Clamps on Pro. 1

5-6.2.14

201 Over Barnards deck (office) 57

Rec. 147

Burnt 60 tons Jan 2. 1880. Place 80

Jan. 3	19.30	noon
" 4	9.5-8	
" 5	23.47	
6	20.26	
7	12.15	
8	22.00	
9	15-50	
10	19.15	
11	22.00	
12	20.00	
13	22.30	
14	22.50	
15	11.30	Total hours Burned 822.18 noon
16	11.00	
17	11.00	" " 3/210 "
17	8.00	
18	2.00	
19	19.00	
20	11.00	" " 412.13 "
20	11.00	
21	9.00	
22	15.45	
23	8.00	" " 456.18
23	2.00	
24	19.30	
25	6.00	
26	10.32	" " 496.13 "
26	10.30	
27	11.00	" noon 517.33

16

27	10.00	
28	11.00	38.14 noon
29	22.00	
30	22.00	
31	22.00	
February 1	6.00	
" 2	19.00	Total 619.14
" 3	11.00	619 hours
" 3	10.00	
" 4	19.00	" 638. "

Burnt 50 hours March 7

164 Office Chamberlain Mesa 6.11

door

Rec 132 | Jan 21 1880 Plenc 28

noon

Burnt 50 hours

Jan 3	17.30	
4	9.50	
5	22.00	
6	20.26	
7	12.15	
8	22.00	
9	15.00	
10	19.15	
11	7.00	
12	20.00	
13	22.30	
14	22.30	
15	11.30	home burnt 322.13 noon
15	22.00	
16	22.00	" " 367.13 "
17	11.00	
17	8.00	
18	22.00	
19	19.00	
20	11.00	" 418.13 "
20	11.00	
21	9.15	
22	15.45	
23	8.00	" 462.13 "
23	5.00	
24	18.30	
25	6.00	
26	10.30	" 501 "
26	10.40	
27	11.00	" 523.13 "
27	10.20	604

Jan	28.	11.00	Total [illegible]
	28	10. 00	
	29	11. 00	538.14 "
	29	11. 00	
	30	22. 00	
	31	22. 00	
Feb.	1	6. 00	
"	2	19. 00	680 14m
"	2	9. 00	
"	3	11. 00	
"	3	10. 00	
"	4	9. 00	640.14 mm

172 Chandelier over Griffs Desk 7/13

Res 135

Burnt 50 / Jan 2 1880

Jan.	3	19.30
	4	9. 58
	5	23.45
	6	20.26
	7	12.15
	8	22. 00
	9	15. 50
	10	19.15
	11	7 00
	12	20. 00
	13	22. 30
	14	22 30
	15	11. 30 Total hours burned 322.13 mm
	15	11. 00
	16	22 00
	17	11. 00 " 367. 13 "
	17	8. 00
	18	2. 00
	19	19. 00
	20	11. 00 " 408 13 "
	20	11. 00
	21	9. 15
	22	15.45
	23	8. 00 " 462.13 "
	24	5 00
	24	14. 30
	25	6. 00
	26	10. 30 " 502 .13 "
	26	10. 40
	27	11. 00 " 628.43
	27	10.25

14

Jan	28	11.00	5~~6~~8.65
	28	10.00	
	29	11. 00	528.15
	29	11.00	
	30	22. 00	
	31	22. 00	
Feb	1	6. 00	
"	2	9. 00	610.15 hours
"	2	9. 00	619 "
"	3	10. 00	
"	4	9. 00	" 698.15 "

Taken to Edison Palace

15-8 Chandelier to office room 8 P

New Circuit

Rec. 137. June 2 1880

Burnt 50 hours

June 3	19.30	
4	9 58	
5	23.47	
6	20.26	
7	12.15	
8	22 00	
9	15; 50	
10	19.15	
11	7.00	
12	20.00	
13	22.30	
14	22.30	
15	11.30	Total hours burned 322.13 hours
15	11.00	
16	22.00	
17	11.00	" " " 367.13 "
17	~~8~~ 00	
18	2.00	
19	19.00	
20	11.00	" " " 407.13 "
20	11.00	
21	9.15	
22	13.45	
23	6.00	" " " 457.13 "
23	3.00	
24	18.30	
25	6.00	
26	10.30	" " " 491.13
26	10.40	
27	11.00	" " " 512.12
27	11.25	
28	10.00	" one " " 523.37 "

19 June 28 11.00
29 11. " Total 5388.17 "
30 11.00
31 22.00
Feb 1 22.00
2 6.00
3 11.00 " 610.17
4 9.00 619.17 "
5 10.00 "
6 9.00 " 638.17 room

Busted Carbon after burning 1020 hours

Inside of globe discoloured

270 Hand lamps at Regulator table 9 7/
bottom room

Rec 140

Burnt 75

June 2 1880 Flame 82 room

June	3	19.30
	4	9.58
	5	23.47
	6	20.26
	7	12.15
	8	22.00
	9	15.30
	10	19.15
	11	7.00
	12	20.00
	13	22.80
	14	22.30
	15	21.30 Total hours burned 247 13 room
	15	11.00
	16	22.00
	17	11.00 " " " 391.13 "
	17	8.00
	18	2.00
	19	19.00
	20	11.00 " " " 431.13 "
	20	19.00
	21	9.15
	22	15.45
	23	8.00 " " " 475.13 "
	23	5.00
	24	18.30
	25	6.00
	26	10.30 " " " 515.13 " over

18

Jan.	26	10.40	
	27	11.00	
	27	10.25	5-37.5-3 hours
	28	10.40	1559 23
	28	10 00	
	29	11.00	5-30.23
	29	11.00	
	30	22.00	
	31	22.00	
Feb	1	6.00	
	2	19.00	6.40.23
	2	11.20	
	3	11.00	6 62.23
	3	11.00	
	4	11.00	684.28

Burned

Dec 1880 7 Burned total 1806 hours

42 Mrs Jordans Dining-room 10 19

Rec 160

Burnt 35-hours | Jan. 2/1880 Pewe 38 room

Jan	3	19.50
	4	9.5-5
	5	13.47
	6	20.26
	7	12.15-
	8	22.00
	9	15-50
	10	19.15-
	11	7.00
	12	20.00
	13	22.30
	14	22.30
	15	11.30
	16	11.00
	17	22.00
	18	22.00 " " " 3671.13
	19	19.00
	20	11:00 391.18
	20	11.00
	21	9.15-
	22	15.45-
	23	8.00 " " " 483.5.18
	23	5.00
	24	18.30
	25-	6.00
	26	10.20 " " 475.18
	26	10.40
	27	11.00 " " 496.45
	27	10.25-
	28	11.00 over " 618.08

Total hours burned 3071.13

20 Jan. 24 10.00
27 11.00 5-39.68
29 11.00
30 22.00
31 22.00
Feb 1 6.00
2 9.00 tot 609.08 "
2 9.00 615.00
3 10.00
4 9.00 637.00 "

108 Fleet Camp at Cabana Site
Place 3
Rec 141
Burnt 85 hours | Jan 2 1880
from one 8 oil dumps.

Jan 2.	85 hours	
" 3	19.30	
4	9.58	
5	23.47	
6	20.26	
7	12.15	
8	22.00	
9	15.50	
10	19.15	
11	7.00	
12	20.00	
13	22.30	
14	22.30	
15	11.30	Total hours burned 307.13
15	11.00	
16	22.00	" " " 381.13
17	11.00	
17	8.00	
18	2.00	
19	19.00	
20	11.00	" " " 401.13
20	11.00	
21	9.35	
22	15.45	
23	8.00	" " " 445.13

Burnell at 4.00 PM
Not stopped - Rec 7. mek over

thought-

thought cross Forker on Jan. 23 when Deputy went to fix it found safety catch cross broken at cross relight- and broke at portion 7. in a few minutes

Jacket-Lamp at cross Upton's home

Rec. 182

Jan. 2 1880 noon

Burnt- 90 hours B.

Jan 3	19.80	
4	9.55	
5	23.47	
6	20.26	
7	12.15	
8	22.60	
9	15.50	
10	19.15	
11	7.60	
12	20.60	
13	22.30	
14	22.30	
15	11.60	Total hours burned 362.15 noon
15	11.00	
16	22.60	" " 406.13 "
17	11.15	
17	8.00	
18	2.00	
19	9.00	
20	11.00	" " 446.15 "
21	11.00	
22	17.15	
23	13.45	
23	8.40	" " 490.15

found end not given to me

Space to me afterward custom house cross Chemp. J.

224 Aptera Palon middle

Place 24

Rec. 107

Burnt 40 hrs

June 2. 1880

June 2 — 3 30

3 3 30

4 3 30

5 3 30 True hrs 154.30

6 3 30

7 3 30

8 3 30 Carbon rotten off at

9 3 30 with clamps

10 3 30

11 3 30

12 3 30

13 3 30

14 3 30

15 3 30 Folded hours 68-00 rain

15 3 30

16 3 30

17 3 30 " " 74.00 "

17 3.30

18 3.30

19 3 30 " " 80300 "

20 3. 30

21 3 30

22 3 30

23 3 30 " 193.30 "

24 3 30

25 3 30

26 3 30

Burned at 3 hrs 5 50 J. Evans Jr.

carbon broke off at 6 hrs 30 clamps from place

29 3 30 " 181.00

" 3 30 " 36.30 "

170 Systems pulled corner by door

Rec. 157

Burnt 40 hours

June 2 1880

noon place 25

June 2	3 30	
3	3 30	
4	3 30	
5	3 30	
6	3 30	
7	3 30	
8	3 30	
9	3 30	
10	3 30	
11	3 30	
12	3 30	
13	3 30	
14	3 30	
15	3 30	Total hours burned 220 hours
16		" " 96.00
17	3 30	" "
18	3 30	
19	3 30	
20	3 30	" " 183.00
21	3 30	
22	3 30	
23	3 30	" " 113.30
24	3 30	
25	3 30	
26	3 30	" " 128.30
27	3 30	" " 128.30
28	3 30	
29	3 30	" " 130.00
30	3 30	" " 134.30
31	3 30	

28

Feb. 1 3.30 ✓
2 3.30 Total 148.30
3 3.00
4 3.30 " 154.00

29

Oct 8

Options pasture for corner
Rec. 147 cows 3.0 } Jour. 2. to 8 Pages 28
Bought 40 hens } Jour. 2. to 8

Jour. 2	3.30	
3	3.30	
4	3.30	
5	3.30	
6	3.30	
7	3.30	
8	3.30	At Jarvis — calculated for Hazelhurst Agricultural
9	3.30	
10	3.30	
11	3.30	
12	3.30	
13	3.30	
14	3.30	
15	3.30	
16	3.30	Total hens turned [illegible]
17	3.30	" " " 74.00
18	3.30	
19	3.30	
20	3.30	" " " 165.00
21	3.30	
22	3.30	
23	3.30	" " " 124.30
24	3.30	
25	3.30	" " " 123.30
26	3.30	
27	3.30	" " " 139.30
28	3.30	
29	3.30	" " " 131.00
30	3.30	134.30
31	3.30	

30

Feb 1	8.30	
2	8.30	Total 148.30 K.
3	2.00	
54	3.00	" 198.30

181 Jn Septimo mille ✓ 31

Rec 152

Burnt 40 hmm / Dunn 2/1880 place 26

noon 2=

Jan 3	19.30	
4	9.58	
5	28.47	
6	20.26	
7	12.15	
8	22.00	
9	15.00	
10	19.15	
11	7.00	
12	20.00	
13	22.30	
14	22.30	
15	11.30	Total hours burnt 259.01 noon
16	11.00	
18	23.00	" " " 304.01 "
17	11.00	
17	8.00	
18	2.00	
19	19.00	
20	11.30	" " " 344.01 "
21	9.15	
22	15.45	
23	18.00	
24	18.30	
25	6.00	
26	16.50	" " " 421.31 noon
29	10.00	
27	11.40	" " " 432
28		over Burnt

32

Burned at the Swamp

33

197 Jos shandelier over door
in Office with side light Hand side
Rec. 145-

Jan. 3 1880 Rec 129

Jan. 3	12 80	
4	9.58	
5	23.47	
6	20.26	
7	12.15	
8	22.00	
9	15.00	
10	19.15	
11	7.00	
12	20.00	
13	22.30	
14	22.31	
15	11.30	Total time burned 219.01
15	11 00	
16	23.00	
17	11.00 " " "	264.01
17	8 02	
18	2.00	
19	19.00	
20	11.00 " " "	304.03
20	11.00	
21	9.15	
22	15.45	
23	8.00 " " "	348.01
23	5.00	
24	18.80	
25	6.00	
26	10.30 " " "	388.07
26	10 40 " " "	398.47
27		408

Top room (Experiment room)

307. 2 chamber piano organ with side
242 Reeds.

Commenced Tuning Jan. 5 1880 Place 63 room

Jan 3	72		
	4	9.50	
	5	13.40	
	6	20.25	
	7	12.15	
	8	22.00	
"	9	15.50	
	10	19.15	
	11	7.00	
	12	20.00	
	13	22.30	
	14	22.30	
	15	11.30	Total time Carried 219.01 room.
	15	11.30	
	16	23.00	
	17	11.00	" " " 294.01 "
	17	9.00	
	18	2.00	
	19	19.00	
~~20~~	~~11.00~~	~~"~~	~~" 304.01~~ "
~~20~~	~~11.00~~		
~~21~~	~~7.15~~		
~~22~~	~~11.00~~		
~~23~~	~~Total~~		~~Carried to~~ Dec 28th 01 Room
~~25~~	~~7.00~~		
~~24~~	~~11.20~~		
~~25~~	~~6.00~~		Ref page 228
25	10.20	"	894.01

No 313 On Lamp post - between Laboratory and Shop.

Pay roll 11

Jan 5 - 1880

11.20

Commenced turning at -

Jan. 5	14.27	
" 6	20.26	
" 7	12.15	
" 8	22.80	
9	15.00	
10	19.15	
11		
12	7.00	
13	20.60	
14	22.80	
15	11.80	Total hours turned 197.13
15	11.00	
16	23.00	
17	11.00	" " " 241.13 Knott
17	8.00	
18		
19	2.00	
20	19.00	
"	11.00	" " " 281.13 "
20	11.00	
21	9.15	
22	15.45	
23	8.00	" " " 325.13 "
23	5.00	
24	18.80	
25	6.00	
26	10.20	" " " 365.13 "
28	10.40	

over

38

Jan 27 21 25-
28 11.00 Total 408.18
28 10.00
29 11.00 " 429.15
30
31
2
Glass broke and trunk with formed of platinum wires
two hours at total of 435.18

Street Lamps 39

334 Opposite Thurnwald's stable

Res. 145-
Commenced burning Jan. 5-1880 1 PM. Pd $5.16

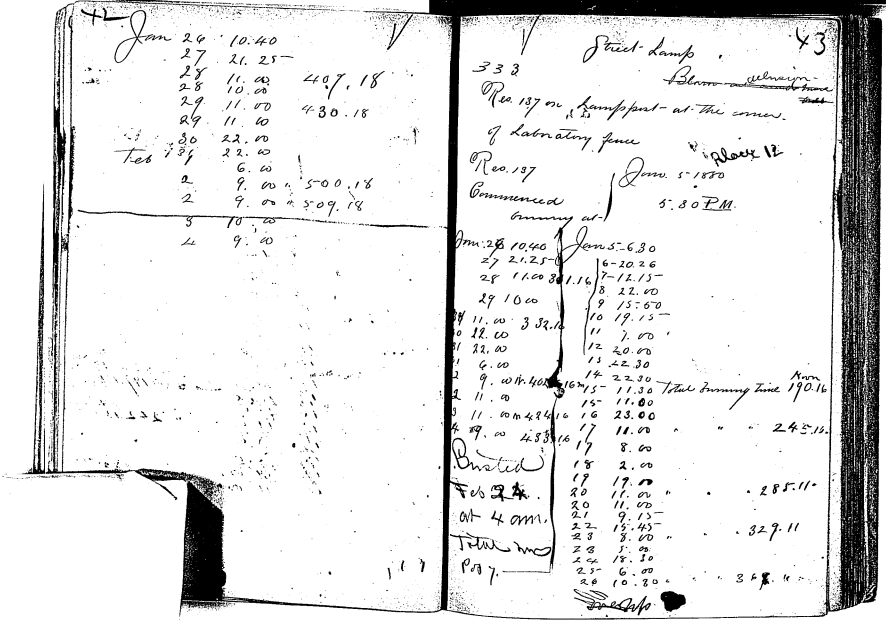
Jan. 5-	12.47	
" 6	20.26	
" 7	12.15-	
" 8	22.00	
" 9	15.30	
" 10	19.15-	
" 11	7.00	
" 12	20.00	
" 13	22.30	
" 14	22.30	
" 15-	11.30	Total time burned 189.03 nom
" 15-	11.00	
" 16	23.00	
" 17	11.00 " " "	244.03
17	8.00	
18	2.00	
18	19.00	
19	11.00 " " "	284.03
20	11.00	
21	19.15-	
22	15.45-	
23	8.00 " " "	328.00
24	5.00	
24	19.30	
25	6.00	
26	10.00 " " "	364.03

Jan 26 10.40
27 21.25
28 11.00 Total 442.08
28 10.00
29 11.00 433.08
29 11.00
30 22.00
31 22.00
Feb 1 6.00
2 9.00 " 503.08 noon
2 11.00
3 11.00 " 525.08 "
3 19.00 "
4 11.00 " 547.08
Busted March 25 1880
Total hours 1404 hours Largest
dumps —

41

Steel dumps
334 Corner opposite Baldwin's
house
Res. 1445
Commenced turning at- Jan 5 1880 11.40 Rs ~ 4

Jan 5 12.30
" 6 20.26
7 12.15
8 22.00
9 15.50
10 19.15
11 7.00
12 20.30
13 22.30
14 11.30 Total hours 197.13 noon
15 11.30
16 23.00
17 11.00 " " 242.13 "
17 8.00
18 2.00
19 19.00
20 11.00 " " 282.13 "
20 11.00
21 9.15
22 13.45
23 8.00 " " 326.13 "
25 22.00
24 19.20
25 16.00
26 10.30 " 366.13 "
over



42

Jan 26 10.40
27 21.25
28 11.00 407.18
28 10.00
29 11.00 430.18
29 11.00
30 22.00
Feb 1st 22.00
2 6.00
2 9.00 500.18
2 9.00 509.18
3 10.00
4 9.00

43

Street Lamp
333
Blum
Rec 137 on Lamp post at the corner of Laboratory fence
Rec. 137
Commenced burning at
Jan. 5-1880
5.30 PM.
Block 12

Jan. 28 10.40
27 21.25
28 11.00 3 32.16
29 10.00
30 11.00 3 32.16
31 22.00
1 22.00
2 6.00
2 9.00 with 40 167
3 11.00
3 11.00 m 434 16
4 9.00 458 16
Busted
Feb 4
at 4 o'm.
Total Time
Pd 7.

Jan 5-6.30
6-20.26
7-12.15
8 22.00
9 15.60
10 19.15
11 7.00
12 20.00
13 22.30
14 22.30
15 11.30 Total Running Time 190.16 Hours
15 11.00
16 23.00
17 11.00 " " 245.16
17 8.00
18 2.00
19 19.00
20 11.00 " " 285.11
20 11.00
21 9.15
22 15.45 " " 329.11
23 3.00
23 1.00
24 18.30
25 6.00
28 10.30 " " 364.16
Busted

47

898 Jos Chandeliers 1st from pumps
Large Carbon Burners at each end

Rec.
Commenced burning at 1 Jan. 1. 1880 3.00

Jan. 12	6.80		
13	22.30		
14	27.30		
15	22.30		
16	23.00		
17	19.00		
18	8.00		
19	19.00		
20	22.00		
21	15.45		
22	8.00		
23	18.00		
24	18.20		
25	6.30		
26	10.30		
	282.15	11	5

Pintsch Carbon at 1.00 Arthen
Lamps now per Carbon Brola
at 6 o'clock

48

342 Edison's Dining rooms

Jan 1 Chandelier farthest from door North side

Rec. 127 Jan. 6. 1880
Commenced burning at 1 P.M. 1.30 P.M.

		Jan 6	8.20	
Jan 28	11.00	13	12.15	
28	10.00	8	22.00	
29	11.00	394.15	9	15.50
29	11.00		10	19.15
30	22.00		11	7.00
31	22.10		12	20.00
1	6.00			
1	19.00	464.15	13	22.30
2	11.00			
3	21.00	446.15	14	22.30
			15	11.30 Total hours 161.10
4	9.00	506.15		11.5
			16	23.00
			17	11.00 " " 206.10
			17	8.00
			18	2.00
			19	19.00
			20	11.00 " " 246.10 "
			20	11.00
			21	9.15
			22	13.45
			23	8.00 " " 290.10 "
			23	3.00
			24	18.20
			25	6.00
			26	10.30 " " 330.10
			26	10.40
			27	11.28

289 Jos Chandler, St Jno Jamison
Rec 275

Large Custom

Commenced cunning at — Jan 12 / 1880 / 80.00

	Jan. 12	6.50	
	13	22.80	
Tel,	6:00	22.30	
2	9.00	22.30	
3	11.00	22.30	
3	22.00	23.00	
4	11.00	19.00	
	15	8.00	
Painted cutout 8		19.00	
Inside glass dr 21		8.00	
centered	21	15.45	
954 hours total	22	15.00	
	23	18.00	
	24	18.30	
	25	6.00	
	26	10.80	232.15
	26	10.40	
	27	21.25	
	28	11.00	274.20
	29	10.00	
	29	11.00	295.20
	29	11.00	
	30	22.00	
	31	22.00	340

336 Edsons dining room
Chandelier north side

Rec. 117

Commenced cunning at — Jan. 6 / 1880 / at 1.80 Plate 4

Jan.	6 8.20	
	7 12.15	
	8 22.00	
	9 15.50	
	10 19.15	
	11 7.00	
	12 20.00	
	13 22.30	
	14 22.30	
	15 11.30	Total hours 161.10
	15 11.00	
	16 28.00	
	17 11.00	206.10 Room
	17 8.00	
	18 2.00	
	19 19.00	
	20 11.00	246.10
	20 11.00	
	21 9.15	
	22 15.45	
	23 6.00	290.10
	23 5.00	
	24 15.00	
	25 6.00	
	26 11.30	330.10
	26 10.40	
	27 21.25	
	28 11.00	373.15

48

Jan. 28	10.00		
29	11.00	394.15	
30	11.00		
31	22.00		
Feb 1	6.00		
2	9.00	464.15	
3	9.00	473.15	
8	9.00	482.15	

13 [illegible] out - 1 [illegible]

66% Amer

335 — Second Chamber — Edwin Dining-room 49

Brito cook

in dining room Rs 115

Commenced burning 1 Jan. 6 1880 at 1.30 Rs 99.45

Jan 6	8.20	
7	12.15	
8	22.00	
9	15.50	
10	19.15	
11	7.00	
12	20.00	
13	22.30	
14	22.30	Rs 10
15	11.30	Total hours [illegible] in 10 nos
15	11.00	
16	23.00	
17	11.00	206.10
17	8.00	
18	2.00	
19	19.00	
20	11.00	246.10
20	11.00	
21	9.15	
22	15.45	
23	8.00	290.10
24	5.00	
25	18.30	
26	6.00	
26	10.30	330.10
27	13.40	
27	25	
27	11.00	[illegible]

Jan	28	10.00	
	29	11.00	398.15
	29	11.00	
	30	22.00	
	31	22.00	
Feb	1	6.00	
	1	9.00	483.15 from
	2	9.00	472 hours
	3	9.00	481

Posted at classes

Seems as if done as by par

343 Parlor Chandelier Dining room
Mrs Erissine Monroe South side
Res 147½

Commenced burning June. 6 1880 1.30 PM Placed at

June.	6	8.20	
"	7	12.15	
	8	22.00	
	9	15.00	
	10	19.15	
	11	7.00	
	12	20.00	
	13	22.30	
	14	22.30	
	15	11.30	Total time 161.10 hours
	15	11.00	
	16	23.00	
	17	11.00	" 206.10
	17	8.00	
	18	2.00	
	19	19.00	
	20	11.20	" 246.10 "
	26	11.00	
	21	9.15	
	22	15.47	
	23	8.00	" 290.10 "
	25	5.00	
	24	18.80	
	25	6.00	
	26	20.10	" 380.10 "
	27	20 25	
	28	8.10	
	29	12.00	" 872.15 over

52

Jan.	28	10.00
	29	11.00 Total 392.15
	30	22.00
	31	22.00
Feb	1	6.00
	2	9.00 " 472.15 Noon
	3	9.00 " 471.45

53

298 Steel-clamps in front of

Ten Cottages houses from Knees's Hall

Rec. | Jan. 6 1880

Has sent 622 | 4 FM Rec'd

June	6	8.20
	7	12.15
	8	22.00
	9	15.50
	10	19.15
	11	2.00
	12	20.00
	13	22.30
	14	22.30
	15	11.30 Total hours 161.10 Noon.
	15	11.00
	16	23.00
	17	11.00 " " " 206.10 "
	17	8.00
	18	2.00
	19	19.00
	20	11.00 " " " 246.10 "
	20	11.00
	21	9.15
	22	15.45
	23	8.00 " " 290.10 "
	24	6.00
	25	18.00
	26	6.00
	26	10.30 " " 330.10 "
	27	21.25
	28	11.00 " " 372.15
	28	10.00
	29	11.00 " " 393.15
	29	11.0 noon

54

Jan.	30	22.00
	31	22.00
Feb	1	6.00
	2	8.00 total 463.15 hours
	3	19.00 " 472.15

55

184 Jars oxalate on Laboratory Table.

Run 145

Commenced burning at | Jan. 6 1880 5 PM

Burnt 90 hours

Jan.	6	14.00
	7	12.15
	8	22.00
	9	15.50
	10	19.15
	11	7.00
	12	20.00
	13	22.30
	14	22.30 Total hours 246.50 noon
	15	11.30
	16	11.00
	17	23.00
	18	11.00 " " 291.30 noon

Bottled at 1.10 carbon broken at curve of ~~Carbon~~ hearthstone

Total hours 348.50 19/1880

Large Carbon broken at 348.50 total

Book Jno Edgeworth Sale

Rec. 133

Commenced beginning at- 1 June 5/1880 6.00 PM

Page 43

June 5	4.00	
6	20.26	
7	12.15	
8	22.60	
9	15.50	
10	19.15	
11	7.00	
12	20.00	
13	22.30	
14	22.30	
15	11.30	Total hours 158.30 mm
15	11.00	
16	23.00	
17	11.00 "	200.50
17	8.00	
18	2.00	
19	19.00	
20	11.00 "	240.50
20	11.00	
21	9.15	
22	15.45	
23	8.00 "	284.50
23	8.00	
24	15.30	
25	16.00	
26	10.30 "	324.50
26	10.40	
27	21.25	
28	11.00 "	86.25
28	10.00	
29	16.00 "	388.50

58

	28	1045-8
	30	22.50
	31	22.00
Feb	1	6.00
	2	9.00 to 845-8.55
	3	9.00 - 467.85

Brought over 9—

59

345 Jn Edwards Hall

Rev. 183

Commenced running at— June 5. 1880 6.00 PM

June 5	4.00	
6	20.26	
7	12.15	
8	22.00	
9	15.50	
10	19.15	
11	26.00	
12	22.30	
13	22.30	
14	22.30	Total hours 156.50 work
15	11.30	
15	11.00	
16	22.00	" 210.30 "
17	11.00	"
17	8.00	
18	2.00	
19	19.00	
20	11.00	" 240.50 "
20	11.00	
21	19.15	
22	15.45	
23	8.00	" 284.50 "
23	5.00	
24	18.30	
25	6.00	
26	10.30	" 324.50 "
26	10.40	"
27	21.25	
28	11.00	" 367.55
28	10.00	
29	11.00	" 388.55

Jan	28	11.00	
	30	22.50	
~~Feb~~	31	22.00	
Feb	1	6.00	
	2	9.00	Total 458.55 from
	2	10.00	
	3	~~9.00~~	" 468.55 Mark

61

35-4 Lamp post between Thimmalla stable and corner of plank walk of R 134

Commenced timing at 1 Jan 1/1880 200 . 15

Jan	7	7.20	
"	8	22.00	
	9	15.50	
	10	19.15	
	11	7.00	
	12	20.00	
	13	22.30	
	14	22.30	Total from 127.59
	15	11.30	
	15	11.00	
	16	23.00	
	17	11.00	" 152.59 "
	17	8.00	
	18	2.00	
	19	19.00	
	20	11.00	" 172.59
	20	11.00	
	21	9.15	
	22	15.45	
	23	8.00	" 236.59
	23	15.00	
	24	15.30	
	25	16.00	
	26	10.30	" 276.59 "
	26	10.40	
	27	21.25	
	28	11.00	" 8[illegible]0.04 "
	28	10.00	
	29	11.00	8[illegible] [illegible]yo

62

Jan	29	11.00
	30	22.00
	31	22.00
Feb	1	6.00
	2	9.00 Total 4 11.04
	3	11.10
	3	11.00 " 433.64 from

13 [illegible] 1890

63

365 Jno Rhuman house

Red 110

Commenced running at — Jan 8. 1890 4.00 P.M.

21

Jan	8	8.00
	9	13.00
	10	10.15
	11	[illegible]
	12	20.00
	13	22.00
	14	22.30
	15	11.30 Total hours 112 1/2 5 from
	15	11.00
	16	23.00 " 160.15 "
	17	11.00
	17	8 [illegible]
	18	2.00
	19	1.00
	20	11.00 " 200.15 "
	20	11.00
	21	9.45
	22	15.45
	23	8.00 " 244.15 "
	24	5.00
	25	18.30
	26	6.00
	26	10.30 " 284.15 "
	27	10.40
	28	21.25
	28	11.00 " " 326.20
	29	10.00
	29	11.00 " " 347.20

over

64 Jan 29 11.00
30 22.00
31 22.00

Feb 1 6.00
2 9.00 Total 417.20 from
3 11.00
3 11.00 " 439.20 "
4 11.00 " 461.20 "

B. steel

393 Over Flammerb Work 61

Experimental Tips

" No. 125 " Jan 9 1880

Commenced burning at 4.00 59

Jan 9	22.00	
10	19.15	
11	7.00	
12	11.00	
13	22.80	
14	22.80	
15	11.30	Total Time 122.15 from
15	11.00	
16	23.00	
17	11.00	" 168.15 "
17	8.00	
18	2.00	
19	19.00	
20	11.00	" 208.15 "
20	11.00	
21	9.15	
22	15.45	" 252.15 "
23	8.00	

Broken on Jan 24 1880

Total Time burned 262.15

66

312 Over Ft Cummings Bemb 67

Experimental tips.

Rec. 124

Commenced Jan 9 1880 4 00 PM

57

Jan. 9	11 00		
10	19.15		
11	7.00		
12	20.00		
13	22.30		
14	22.30		
15	11.30	Total hours 128/15 over	
16	11.00		
16	23.00		165.15 "
17	11.00	"	
17	8.00		
18	2.00		
19	19.00		
20	11.00	"	207.15 "
20	11.00		
21	9.15		
22	15.45		252.15 "
23	8.00	"	
23	5.00		
24	8.00		
25	6.00		
26	10.00	"	392.15 "
26	10.40		
27	21.25		
28	11.00	"	335.20
28	10.00		
29	11.00		356.20
29	11.00		
30	22.00		
31	22.00		one
Feb 1	6.00		
2	9.00		426.20

Feb 2 11.00
" 3 11.00 Total 46 8 hours
" 3 41.00
" 11.05 " 470 "

1 Sister Edwin take up before
Hon sam Rose Fiske

Regulated

378 Jon Clement Stine

Res. 112
Commenced running at- | Dem 4.00 53

Jan. 9	2.50	
10	19.15	
11	20.00	
12	20.00	
13	22.30	
14	22.30	
15	11.30	Total hours 120.05 Rose
16	11.00	
17	8.00	" 174.05 "
17	11.00	
18	8.00	
19	12.00	
19	19.00	
20	11.00	" 214.05 "
20	11.00	
21	9.16	
22	15.45	
23	8.00	" 258.05
23	5.30	
24	19.00	
25	6.00	
26	10.30	" 298.05
27	21.25	
28	11.00	
28	10.00	
29	11.00	" 340.30

over

70

Jan	29	11.00
	30	22.00
	31	22.00
Feb	1	6.00
	2	9.00 Total at 11.30
	2	11.00
	3	11.00 " 433.30
	3	11.00
"	"	11.00 " 457.30.

Boated March 18, 1880
at 9008 Total hours 1084 hrs

71

865 Jr Steamer Dominion Dixie

Rec. 120

Commenced running at- Jan. 8 1880 5.00 PM 52

Jan.	9	7.50
	10	19.15
	11	7.00
	12	20.00
	13	22.30
	14	22.30 Total hours 12005 Mark
	15	11.30
	16	22.00
	17	11.00 " 174.00
	17	8.00
	18	2.00
	19	19.00
	20	11.00 " 214.05
	20	11.00
	21	9.15
	22	15.45 " 258.05
	23	8.00
	24	5.00
	24	13.30
	25	6.00
	26	10.30 " 298.05
	26	20.40
	27	21.40
	28	21.25
	29	11.00 " 362.50
	29	11.00
	30	22.00
	31	22.00

72

Feb.	1	6.00	
"	2	9.00	Total 443.30 hours
"	2	11.00	
"	3	11.00	" 465.30 hours

= Protect at al- gloves, each
female at clamps

378 Jno. Carmichael's Dive 73

Rec'd 2

Commenced turning at 1 Jan 8 1880 5.00 PM

22.

Jan	9	7.30	
	10	19.15	
	11	7.00	
	12	20.00	
	13	22.30	
	14	22.30	Total hours 120 45 HOON
	15	11.30	
	15	11.00	
	16	22.00	
	17	11.00	" 164.45 "
	17	8.00	
	18	21.00	
	19	19.00	
	20	11.00	" 200.45 "
	20	11.00	
	21	9.15	
	22	15.45	
	23	8.00	" 244.45 "
	2		

to Colonel — gain hours 244 hours
is correct there seven hours

74

75

352 On lamppost at top of stairs to Depot South side from lamppost between Office and bus

Reo. 122

Commenced burning at Jan 10 1880 11.00 PM

Page 19

Jan. 10	9.15	
11	7.00	
12	20.00	
13	22.30	
14	22.30	
15	11.30	Total time 10215 Hours
15	11.00	
16	23.00	
17	11.00	" " 15-7.15"
17	8.00	
18	2.00	
19	19.00	
20	11.00	" 190.15"
20	11.00	
21	9.15	
22	15.45	
23	8.00	" 234.15"
23	2.00	
24	18.30	
25	6.00	
26	10.00	" 274.15"
26	10:40	
27	21.40	
28	21.25	
29	11:00	" 298.30
29	11.00	
30	22.00	
31	22.00	
Feb 1	6.00	
2	9.00	" 408.30 one

76

Feb. 2 11. 00
3 11. 00 Total 30, 30 hours

366 Mr Upton's Running room 77

Rec. 130

Commenced burning at- Jan. 8 1880 Place 27
4 00

Already burned
6.50

Jan 8	22. 00	
9	20. 50	
10	19. 15	
11	7. 00	
12	20. 30	
13	22. 30	
14	22. 30	Total burning 130 25 hours
15	11. 30	
15	11. 00	
	23 00	
16	11 00	" 175. 25 "
17		
17	8. 00	
18	2. 00	
19	19. 00	
20	11. 00	" 245. 21 "
20	11. 00	
21	9. 11	
22	15. 45	
23	8. 00	" 25. 9. 25 "
23		
24	5. 00	
25	19. 30	
26	6. 00	
27	10. 00	" 299. 21 "
28	11. 40	
29	21. 25	
29	11. 00	" 343. 00 "
29	11 00	
30	22, 00	
31	22. 00	" 413. 30 "

over over

78

Feb 1	6.00
2	9.00
2	11.00
31	11.00 Total 430.30 Hours

79

Star Lamp fount by machine shop. No. 35-3

Rec. 135 — Commenced burning at — Jan 5. 1880 11.20 Pence 10

Jan 5	14.27	
6	20.26	
7	12.15	
8	22.40	
9	15.00	
10	19.15	
11	7.00	
12	20.00	
13	22.30	
14	22.30	
15	11.30	
16	18.30	
16	23.00	
17	11.00	Total hours 241.13 Hours
17	8.00	
18	2.00	
19	19.00	" 281.13 "
20	11.00	
20	11.00	
21	9.15	
22	15.45	" 825:13 "
23	8.00	
23	5.00	
24	18.30	
25	6.00	" 865:13 "
26	10.30	
~~Received~~	~~2 Pint 26/1882~~	
~~Ben. S~~	27	Down from 3
	28	

Jan 26 10.00 361
" 27 21.40
" 28 21.20
" 29 11.00 429.18

Boated at 2.00 Jan 29 1880

429.18 Hours Total Time hours through Boated but Ground conditions taken Freed all night

29 11.00
30 22.00
31 22.00
Feb 1 6.00
" 2 9.00 Total hours 99.18 hours
" 3 11.00
" 4 11.00 " " 521.18 "

Total

Boated on Feb 26 1880
Total hours boated at pas.

1884 Jan Laboratory in hand lamps on table

Rec 114 8

Communicated burning at

Jan 10/1880 2.00 PM

Jan 11 3.00
12 20.30
13 22.30
14 22.30
15 11.30 Total hours burning 89.00 hours
16 23.00
17 11.00
17 8.00
18 2.00
19 19.00 173.00
20 11.00 " " 89.00 "

hours 178 Moved to chemical water side near organ

Burned three entire bottles

82

83

349 Post-in office in Machine Shop

Rec'd 142

Commenced running at | Jan. 8 1880 | 7.00 | Peace 34

Jan	8	5.00	
	9	15.50	
	10	19.15	
	11	7.00	
	12	20.00	
	13	22.30	
	14	R 2.30	
	15	11.30	Total running 125.55 hours
	16	23.00	
	17	11.00	
	17	8.00	
	18	2.00	
	19	19.00	
	20	R. 18	250.50
	21	VR 15	
	22	11.45	
	23	R 8.30	
	24	18.00	
	25	R 6.00	299.85
	26	10.20	
	28	10.00	
	29	21.40	
	28	20.25	
	28	11.00	342.40
	29	11.00	
	30	12.00	
	31	22.00	
Feb	1	4.00	
	2	9.00	512.40 hours
	2	19.50	
	3	11.00	534.40

10

10 hours Extra Duty
Changed ~~to~~ Engine to run
Feb 18 1880 same as
this 12 Inch ~~to~~ Boiler

350 Jos Offie in Machine Shops 85

No. 139

Commenced running at | June 8 1880 | 1.00 P.M. Time 33

June 8	5.00	GC	230
9	19.00		
10	18.30		6.10
11	2.00		
12	20.00		6
13	22.30		112.35
14	22.30	Total hours run	
15	11.30		
16	10.		
17	10.00		
18	10.00		6
19	10.00		
20	10.00		
21	10.00		
22	10.00		
23	10.00	" 302.50	
24	10.00		
25	6.00		
26	20.40		
27	21.40		
28	21.25		
29	11.00	" 283.40	
29	11.00		
30	22.00		
31	22.00		
Feb 1	6.00		
1	9.00	" 353.40	
2	11.00		
3	11.00	" 385.40	

Put in Engine with ~~old~~ circle of engine and new bronze slide

Stg Engine next to D.L.

Bristol on Feb 12 1880 at 1pm 12th Bristol-mpsto 496 hmes Bristol Bristol 4-5-00 o'clock

889 Jrn front of Edwards house

Rea 120

Commenced running at- | Jan. 12/880 9.00 AM. Place 2

Jan. 12	19.00	
13	22.30	
14	22.30	
15	11.30	Total hmes 69.30 hrm
16	23.00	
17	19.00	
	2.00	
18		
19	19.00	
20	22.00	
21	9.15	
22	15.45	
23	13.00	
24	18.30	
25	6.00	
26	10.30	" 215.00
26	10.00	
27	21.40	
28	21.25	" 289.15 "
29	11.00	
29	11.00	
30	22.30	
31	22.00	
Feb 1	6.00	
2	9.00	" 339.15 hrm
2	11.00	
3	11.10	" 361.15 " ✓

Drifty cattle broken on Cramp not ascertained

Malett

1875 — Jas Grant J. Office South side Ennerdale
Rec. 191½
Commenced running at | Jan. 12/1880 10.00 AM Prince 8

Jan 12	11.00	
13	22.30	
14	22.30	
15	11.30	Total hours timed 67.30 Hours
16	23.00	
17	19.00	
18	23.00	
19	19.00	
20	22.00	
21	9.15	
22	15.45	
23	15.00	
24	18.30	
25	6.00	" " 117.00 "
26	10.00	
26	10.30	
27	21.40	
28	21.25	
29	11.00	" 181.
30		

Ceased on the 29. 1880

Custom started at — 7 hrs.
Total hrs 191.30

878 Jos Kansas Stone

Pier 122

Commenced
Finishing at

June 12 / 1850
at 9 o'c PM
[illegible] see 74

June 12	June 12	12 M.	
12	13	2 2 30	
14	14	2 2 30	
15	15	11 30	T the time hours 65 30 M.
[illegible]			
[illegible]			

Lewis removed Outhouse — reporting to me

92

394 Jon Navaio Mine

93

Rec. 105

Commenced running at } June 1/1880
900 PM
Pine

June 12 12.00
13 22.30
14 22.30
15 11.30 Total hours 68.30 Hours
16 22.00
17 19.00
18 2.00
19 19.00
20 22.00
21 9.15
22 13.45
23 13.00 Total hours 190.30

~~Returned~~
Brought — ore not good enough — Return
~~Received~~

417 Jan front of two Upstairs house Corner One Uptown Yard

Res 1-31

Commence

Running at—

Corner of Yard
Jan 16/1880
5.30 PM

Jan	15	6.80
"	16	23.00
	17	19.00
	18	2.00
	19	19.00
	20	22.00
	21	9.15
	22	19.45
	23	23.00
	24	18.30
	25	6.00 Total time 168.80 mm
	26	24.00
	27	21.25 "
	28	11.00 " " 187.55 "
	29	11.00
	30	22.00
	31	22.00
Feb.	1	4.00
	2	7.00 " " 257.55
	2	11.00
	3	11.00 " " 279.55 mm ✓

Worked Feb. 20 1880 Have not been

Stamps yet. T.C.S

175 Hall Lamps in the Batteries

Rec'd. 146

Commenced burning at — Jan. 15 1880 7.40

Jan. 3	4.80	
4	8.90	
5	10.07	
6	20.26	
7	10.15	
8	22.00	
9	18.00	
10	19.15	
11	7.00	
12	20.00	Total hours 157.23 hours
13	22.00	
14	22.00	
15	22.00	
16	23.00	
17	19.00	
18	2.00	
19	19.00	
20	22.00	
21	9.15	
22	15.45	
23	18.00	
24	18.30	
25	6.00	
26	10.30	" 1 197.00
28	10.00	
27	21.45	
28	21.21	
29	11.00	" 253.06
29	11.00	
30	22.00	
31	22.00	

98

Feb 1 5.00

2 9.00 Total 923.00 hours

3 11.10 "

8 11.00 " 345.06 "

99

360 Over Flammens Bench

Rec. 125

Commenced running at- 1 Jan. 10 / 1880 4. 20 P.M.

Jan. 10	8. 50	
11	7. 00	
12	20. 00	
13	22. 30	
14	22. 30	
15	11. 30	Total hours 940.20 Worn.
16	22. 00	
17	23. 00	
18	19. 00	
19	2. 00	
20	19. 00	
21	22. 00	
22	9. 13	
23	15. 50	
24	13. 00	
25	18. 20	
26	6. 00	
	10. 00 "	258 20
		74
		8

Bristled carbon at 370.20

Large Carbon Enumerated on letter top

370 hours

~~Jno Edwards Hall~~

Jno Edwards Parlor

Jany. 5 1880

Rec.

Commenced timing at 6. PM

Jany. 5	4. 00	
6	20. 25	
7	12. 15	
8	22. 00	
9	15. 50	
10	19. 15	
11	7. 00	
12	20. 00	
13	22. 30	
14	22. 80	
15	11. 80	
16	11. 00	
17	23. 00	Total hours timed 200. 30
18	11. 00	
19	2 00	
20	19. 00	
21	22. 00	
22	9. 15	
23	15. 45	
24	13. 00	
25	18. 00	
26	6 00	
27	20. 40	
28	21. 40	
29	21. 25	" " 380. 35
30	11. 00	" "
31	11. 00	
Feb 1	22. 00	
2	8 00	
2	9. 00	" " 460. 35
2	11. 00	" "
3	11. 00	" " 482. 35

102

Packed at Jas. A. Bennett—

65 D. hams

102

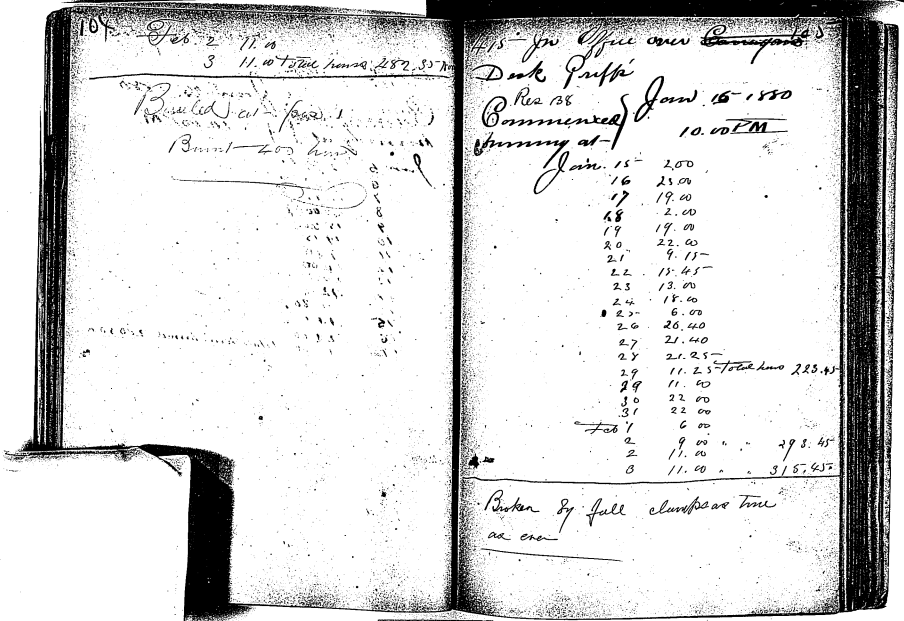
26 Jan Cedarville parlor

103

Rec'd 185—

Commenced burning at— Jan. 6th 1880 6 PM

Jan. 6	4.00	
6	20.20	
7	12.15	
8	22.00	
9	15.50	
10	19.15	
11	7.00	
12	20.00	
13	22.30	
14	22.80	
15	11.80	
15	18 00	
16	23.00	
17	19.00	Total hms burned 200.50 Wrm
18	2.00	
19	19.00	
20	22.00	
21	9.15	
22	15.45	
23	15.00	
24	18.00	
25	16.00	
26	20.40	
27	21.40	
28	21.25	
29	11.00	380.35
30	11.00	
31	22.40	
Feb 1	6.00	
2	9.00	460.35



105 Feb 2 11 a
3 11.10 Total hours 282.35 hrs

Rec'd on board 1
Burnt 400 bus

415 – On Voyage crew Complement 25
Duke Griffi
Rec 138
Commenced Jan. 15 – 1850
Running at 10.00 PM

Jan.	15	2.00
	16	23.00
	17	19.00
	18	2.00
	19	19.00
	20	22.00
	21	9.15
	22	15.45
	23	13.00
	24	18.00
	25	6.00
	26	26.40
	27	21.40
	28	21.25 Total hrs 223.45
	29	11.25
	29	11.00
	30	22.00
	31	22.00
Feb	1	6.00
	2	9.00 . . 298.45
	2	11.00
	3	11.00 . . 315.45

Broken by full clumpaas time as ever

4189 Batchelors Sitting Room next Door Changed to dining-room Taken down before Rec Room Rec Taken down before Rec Commenced dining at June 10 1880 10.00

June	10.	12.00	
	11	7.00	
	12	20.30	
13	13	22.30	
	14	22.30	
	15	11.00	
	16	23.00	
	17	19.00	118.30
	18	2.00	
	19	19.00	
	20	22.00	
	21	9.15	
	22	15.45	
	23	13.00	
	24	18.00	
	25	6.00	
	26	20.40	
	27	21.40	
	28	21.25	
	29	11.00	317.25
	29	11.00	
	30	22.00	
	31	22.00	
Feb.	1	6.00	
	2	9.00	387.15
	2	11.00	
	3	11.00	409.25

31 Jno Chandlee by organ
Rec. 180. Commenced trimming Feb 17
Commenced burning at 7 Jan 17. 1880 7.00

Jan.	17.	15. 00
	18	2 00
	19	19. 10
	20	22. 00
	21	9. 15
	22	15. 45
	23	8. 00
	24	18. 30
	25	6. 00
	26	21. 30
	27	21. 25
	28	22. 00
	29	4. 00

Total hours burned 182.25

Carbon broke at 10

110

360 By Microscope for 111
Light- Belongs between two Cyphers in C.B.
Pages 125-
Commenced beginning at- Jans. 15 - 1880
3.00

Pence

Jans. 15	22.20	put- back on chemistry bench
16	23.00	
17	19.00	
18	~~22.10~~	
19	19.00	
20	22.00	
21	Total gone 14	
22		
23	18.00	-154.10
24		
25	14.00	Total time out -
		282.20 ✓

Look on Page 99 Gold acc.

✓ 282 dollars 20 cts

432 on arm in engine
room at end of engine
Rec. 152 Page 37
Commenced running at- Jan. 18/1880
Jan. 19-1880 — 5.00 Examined inside cyls.

19	12.	00		
20	22.	00		
21	9.	15		
22	15.	45		
23	18.	00		
24	18.	30		
25	6.	00		
26	10.	30	Total	113.00

Bushed Carbon at- 18 Pds
Large Carbon- 9. "

113 hours

427. on side of Engine room 115

over - to Parker Enameled maids only

R 132 Fuel 36

Commenced Jan. 19 1880

running at- 3.00

19	10.00	
20	22.00	
21	9.00	
22.	25.65	
23	13.00	
24	18.00	
25	6.00	
26	20.40	
27	21.40	
28	21.25	
27	11.00	Total 177.45
29	11.00	
30	22.00	
31	22.00	
Feb. 1	6.00	
2	9.00	247.45 from
2	11.00	
3	11.00	269.00

Brought F. 21.

Total 400

428 Jno. Engine Room
near Rimmed Machines
Req. 632 Engineer by Helper: ornio
Commenced Jan. 19 1880
running at- 5.00 Feed 35-

Jan	19	18.00
	20	22.00
	21	9.15-
	22	15.45-
	23	13.00
	24	18.00
	25	6.00
	26	20.40
	27	21.00
	28	21.25-
	29	11.00 Total 175.45 room
	29	11.00
	30	22.00
	31	22.00
Feb.	1	6.00
	2	9.00 " 245.45 "
	2	11.00
	3	11.00 = 267.45 "

420 Between Office and Laboratory
Rec. 154
Commenced Jan. 18/1880
burning at 10.10 AM

Jan. 18	2.00	
19	19.00	
20	22.00	
21	9.15	
22	15.41	
23	13.00	
24	18.00	
25	6.00	
26	20.40	
27	21.40	
28	21.25	
29	11.00	Total 179.45 Mem
30	21.00	
31	22.00	
Feb. 1	6.00	
2	9.00 "	249.45 "
2	11.00	
3	11.10 "	271.45 "

Buried March 6 1880
Carbon at top
Three hours

410 Suspended on cross 12/
over Yarra pumps Please 67
Examined at Landing cross
Rec 117 June 17. 1880
Commenced 1.00 PM
running at-

Joins 17
18
19
Make up pt 20
21
22
23

Removed to Pumps post in front of
Office South Side

24
25
26
27
28
29 Total 198.03

Buxton

435 on Chandelier over organ 123
north with ✠ Laboratory enameled on
Res 15-0 tip of inside gas
Commenced burning June 20 1880
at — 2.25

June 20

Busted burning hours & made
carbons Busted at fine position
in center

1/ 8 hours

437 Ans. Chandelier second 12 from organ. South side Commencedon 3rd inside glass
Rec. 152 June 20 1880
Commenced running at- 2.30 PM
June 20
Taken out ~~Complete~~
and put in Francis desk
Burst carbon, Object in paper
Burnt 7.40. Time hours

486 Brought from Jacobs Creek and put in chandelier
Burnt about 2.00 Rec. 127
Cousins broke at 11 Position
Busted all to pieces by being
let fall by a visitor —

128

440 Jos Record — Commissioner 129
north side of carriage bolt on
made by finding mines taken from
Gov. Desk Name Jos regan Term 61
Res 145 — Jan. 20. 1880
Commenced
burning at — Commenced
61 - 9. 00 PM.

Jan 20	8. 00
" 21	9. 15
22	13. 45
23	13. 00
24	18. 00
25	6. 00
26	20. 40
27	21. 40
28	21. 25
29	22 00
30	22. 00
31	22. 00
Feb 1	6 00 Total 2. 2045
2	9. 00
2	11. 10
3	11. 00 " 242. 45

Record Burning of —
Res 6 Total hours 360

437 Dr. secured Chandelier with 3 Lights
taken and put on Jaylor
Work Rec. 152 Examined on inside glass
Commenced Jan. 20 1880
Finished 6.00 PM Place 76
Jan. 20

Boiler and Hood set—
Need but one Cooking Jor it-

132

133

438 for Telephone poles

Rec'd — Jan 20 1880
Commenced — 8.00
running at —

Total running time 2 hours
inside girls enrolled
enrolled trusted on on bike at —
3 Small centers. —

E

443 Small Custom South side 13J
2 chandeliers from organ
Roll 142
Commenced running at — | Jan. 20 1880 10.05 PM
Burned after Burning 24 minutes
Returns 5

448 Drill Caisson North side 13
2 chandelier
Rec. 138
Commenced
running ext—
Jan. 20. 1880
10:30 PM
Bored- 29 minutes
Caisson rested at- Portion 8.

434 m. Steel-Lamp base

by microscope Prime 46

Pgs. 142

Commenced Jan. 20 1880

Running at 6.00 PM

Jan	20	6.00
	21	9.00
	22	15.45
	23	13.00
	24	18.00
	25	6.00
	26	20.40
	27	21.40
	28	21.25
	29	11.00 142.45
	29	11.00
	30	21.00
	31	22.10
Feb	1	6.00
	2	9.00 212.45
	2	11.00
	3	22.00 245.45

Transfer Carbon to Pg. 6

Commencing a little above neck.

Finish Prime work

44

Hung on wires by Mr Kennye

Rec. 176

Commenced running at- Arnold system enamelled wire Jan. 20 1885 end of mast 11.19 AM

Jan 20 8.30
" 21. 4.30 apt to 8.45
Brown's extension
8.50 total time

Anchored at one

Total [illegible]
18.00

Carbon Instead Rec. 7

15 hours

423 Jos Schmeltzer near organ
Taken from hand lamp on Tube
Rev. 180. | June 21. 1880
Large Custom has burned 178 hours
from 22 at 1.00
Glass broke inside globe —
Lamp was not hot — Large custom

V 173

144

143

442 Jno Chapmaker second from organ South side Pews 60 Rec 164

Commenced running at — Jan. 20. 181 1.50 AM

Jan.	21	7. 20
	22	15. 45
	23	13. 00
	24	18. 00
	25	6. 00
	26	20. 40
	27	21. 40
	28	21. 25
	29	11. 00 Total 134.50 Norm
	29	11. 00
	30	22. 00
	31	22. 00 3
Feb		6. 00
	2	7. 00 " 204.50 "
		00
	3	11. 00 " 226.50 "

VJ water at PA

Volume number 626

458 on Cranberries by organ

North side Lewis Eastern summerhill ave.
Lot No. 157

Summer rest.
burning at—

June 22 1880 Peace 54
2.30 P.M.

June	22	5.30	
	23	13.00	
	24	18.00	
	25	6.00	
	26	20.40	
	27	21.40	
	28	21.25	
	29	11.00	Total 117.15
	29	11.00	
	30	22.00	
	31	22.00	
Feb	1	6.00	
	2	9.00	" 187.15 Acres
	2	11.10	
	3	11.00	" 209.15 "

Total hours 572

446 / Gaylor Creek
Bounds Quebec onamalek — 4½ mi
Rec 157 / Jan 22 1880
Commence 325
running at
6/5 notch Point 10.25 mi
ab Jas 2

Explor

150.

151

445- Carolyn Desk

small carbon Jan. 22. 1850

Rec'd. 145- / 2.25- A M

Cons. sent

Printed out- 9.00 small

Carbon. Printed out 11 pgs.

2.35-

1.00

1.00

4.35- hours - Lalal town

FX

#48 Jn Chemical Ltd.
Small Carbon
Reg. 175
Commenced running at 1 min. at 5.80 — Jan. 22/1880 3.80

Total running time 6 hours
carbon broke at 12 pounds broke

carbon broke clamp Classified two light
cards formed between them

JX

457. Suspended on wires

between 1 and 2 Chandelier Am. 6.0 [illegible]

No Rec : 10 plans marked on

diagram. experiment — Bristol Castor

Burnt - about - 6.30

Bristol on - 8.30

Por about 7. Heavy Belting

Total time timed 2 hours

456 Fever Con. Death
Res Lenge Cambon
Commenced June 22. 1880
Burning 9.00
Taken by Jno B. & his hand

June 28. 1880

~~Somebody stole it from Stove Closet~~
~~Rays all over house of it~~
Somebody took it in Stove Cl.
case
Thought
Bitten it drink by reading
11/2 Bright 45 Terre

158

460 Jan 23 Top of clevis downwards
Lamp-post — new front — 159
Rec'd 12th Steams — large Cabin

Commenced January 23 1880
10.00 A.M.

Jan.	23	6.30
	24	18.00
	25	6.00
	26	20.40
	27	21.40
	28	21.25
	29	22.00
	30	22.00
	31	22.00
Feb.	1	6.00
	2	9.00
	2	11.00
	3	11.00

Total hours 175.15
" " 197.15

Thonged & post on top N.

Steam
Started Feb. 18 1880
finished
Total hours

160

11

A5-0 An Hughes Deed 161

Reg 152

Commenced burning at 1

Burning 8.30 Enumerated trip

2 00

5.30 Up to 9 this

1.00 Morning

Carbon fusion 6 8 0 + one time off at both Chimneys.

Bristol 6. Pos 630

Broken afterwards by case — 630 Smouldering

466 Ox Breathes Sleek
a ball flow in carbon about
8. Another marked 466 Ox Breathes
Commenced Jan 23
burning at 11. A.M.
Broke immediately Gleason
Broke by enameling enameling
all right — and
E. T.

164

472 Over Pro. Hammers 165

Work Finished Opened ~~Closed~~ of Forge
~~No.~~ Large Combo
No. 134 Comd 24.00
Commenced 12 o'clock
burning 01 -

Jany 24	13.60
25	6.60
26	20.40
27	21.40
28	21.25
29	15.60

Brated 01 5.30 Total hrs 97.55
Comm Brated 01-9 Pro.

98 hours

178 Brewster's desk ~~U.S. 48 Stars~~ 15/7

~~Dep. from Rio Hac~~

~~Commenced~~ Jan. 22. 1880

~~Journey of~~ 180

Taken to Engine Room

and on at Engine

Jan	23	6.00	
	24	18.00	
	25	6.00	
	26	20.40	
	27	21.40	
	28	21.20	
	29	22.00	
	30	22.00	
	31	22.10	
Feb	1	6.00	
	2	9.00	Total 174.45
	3	11.10	" 196.45

Brewster Carbon at Pow. F

Feb. 18. 1880 10 PM -

Left Lucas Told.

168

17. Mrs Jardine dining room 169

Rec 14th

Commenced dinning as — June 2. 1880 Plum 39

June	2 to 3	35 : 00
	5	19. 30
	11	29. 65 4.50
	5	28 87
	6	20. 26
	7	12. 00
	8	12. 00
		15 : 30
	9	19 15
	10	7. 00
	11	20. 00
	12	22. 30
	13	22. 30
	14	11. 30
	15	11. 00
	16	22. 00
	17	3 00
Sunday	18	18. 00
to dine	19	41. 00
last the night	20	9 15
9 The 28	21	14 53
to dine lunch	22	8 00
to dine	23	18. 20
more towards	24	18 00
up and down	25	26. 80
suddenly	26	21. 25
522 Total	27	
	28	28. 00 578.08

170

487 Mrs Jinderman Brooklyn 171
Res 148
Large carbuncle | Jan. 24/1880
Commenced. 2.50 PM
Continued

Jan.	24	7.80
	25	6.00
	26	20.40
	27	21.40
	28	21.25
	29	11.00 Total hours 88.15 hours

Bandaged Carbuncle as 5 pm

88.15 Total D.C.

172

476 Mrs Jacobs Purdon 173

Rec 130 Large Cantons

Commenced running at — { Jan. 24th 1880 @ 8 a.m. PM.

Jan	24	8.30
"	25	6 m
	26	20.40
	27	21.40
	28	21.25
	29	27 m Total 84.15 Noon
	30	22.00
	31	22.40
Feb	1	16. running of Tab 2.
	2	8. m 15.15 "

Brand- time and Remarks when Pul-stand-
5 A III Total 158.15- hours

Cantons sealed at- Pos. 3.

✓ 158 hours

174

175

488 on Councillor by custom house
Rec. 155
Commenced burning at } Jan. 24th 1888
= on

Jan. 24	7.30		
25	6.00		
26	20.40		
27	21.40		
28	21.25		
29	11.00	Total 88.15 tons	
29	11.00		
30	22.00		
31	22.00		
Feb 1	6.00		
2	9.00	"	158.15 tons
2	11.00		
3	11.00	"	180.15 "

Coal - Broke at Rec. 5
Feb 11. Burnt - Total 3.5

1857 Jan Proceeding at — 177

~~Rawlins Springs~~ Pumping Gauge Central Pacific Railroad

Rec'd the Commissioners Quartermaster's Office Omaha Nebraska Ter. Jan'y 23rd 1868 11.00 PM

Jan'y 23. 5.30 Changed
24 18.00 Changed
25 6.00 to Green River
26 20.40 to Green River
27 21.40 from Pumps
28 21.25 from Pumps
29 11.00 Total 94.15 hours
30
31

Carbon treated at 9 Pos.
Very good Lasting

94 hours

178

179

1860 Jan Manistee Drive
Large Cutbanks E N
Rec. 1st
Commenced running at -
Jan. 23. 1860
4:00 PM

Jan	23	5.30
	24	18.80
	25	6.00
	26	20.40
	27	21.40
	28	21.25
	29	11.00 Total 94.15 Room
	29	11.00
	30	22.00
	31	22.00
Feb	1	6.00
	2	9.00 = 164.15 "
	2	11.10
Thur	3	11.4 = 186.15 " L

180

181

H64 Jno Harrison Dr
Rec'd Single C.m.bm & I
Jan 23. 1880
Commenced 4.00 PM
Journey at -

Jan.	23	5.80	
	24	18.00	
	25	6.00	
	26	20.40	
	27	21.40	
	28	21.25	
	29	11.00	Total 94.15 Arrow
	29	11.00	
	30	22.00	
	31	22.00	
Feb	1	6.00	
	2	9.00	" 154.15 Arrow
	2	11.00	
	3	11.00	" 186.15 " Lunch

Thence

182

183

469 Jos Klumpp Store
Lodge Custom Work
Ro. 137
Jan 23 1880

Commenced 4.00 PM
running cut

Jan 23	5.30	
24	18.00	
25	6.00	
26	20.40	
27	21.40	
28	21.25	
29	11.00	Total 94.15 hours
29	11.00	
30	22.00	
31	22.00	
Feb 1	6.00	" 164.15 "
2	9.00	
2	11.00	
3	11.00	" 186.15 "

Three

401 Harvies Olive Lodge Canton 185
Rec. 1-8 Jn C. on army uniform Entered Tofs mon

Commenced buying at — Jan. 23 1850 4.00 PM

Jan.	23	5.30
	24	18.00
	25	6.00
	26	20.40
	27	21.40
	28	21.25
	29	22.00 Total 94.15 Down
	30	82.00
	31	22.00
Feb.	1	6.00
	2	9.00 " 160.15"

Brought over from Memorandum and post over Benetts to Cash see Page 4 Book 73

186

~~465~~ Nevada State Lodge Custom 187

~~465~~ Nevada State Lodge Custom

Commenced Tiles in wards

Rec.

Commenced Jan 23 1880

Commencement of Degree

~~465~~ Nevada State Lodge Custom

Commencing Jan. 23/1880

4 P.M.

Jan	23	5.30
	24	18.00
	25	6.00
	26	20.40
	27	21.40
	28	21.25
	29	22.00 Total 96.15 Noon
	30	22.00
	31	22.00
Feb	1	6.00
	2	9.00 " 196.15 "

Brought over from previous

pro- of telephone room on twice

Found on page 17 Book 78

188

45-8 Jn Commissioners Drive 189

Rio 137

Commenced running at - Jan. 23. 0800 4.00 PM

Jan.	23	5.30	
	24	14.00	
	25	6.00	
	26	20.40	
	27	21.40	
	28	21.25	
	29	11.00	Total 94.15 Nos
	29	11.00	
	30	22.00	
	31	22.00	
Feb.	1	6.00	
	2	9.00	" 164.15 "
	2	11.00	
	3	11.00	" 180.15 "

Anchored Channel 17.700 PM

Gave to the Moses

Glass drink Glass access

to the tobacco

190

467. Carnation. Dixie Jarge Cattle 881

Encumbered up

Rec. 127

Commenced Burning at- Jan 28 1910 4.00

Jan	25	5.30
	24	18.00
	25	6.00
	26	20.40
	27	21.40
	28	21.25
	29	11.00 Total 94.15 Work
	24	11.00
	30	22.00
	31	22.00
Feb.	1	6.00
	2	9.00 " 164.15 "
	2	11.00
	3	11.00 " 186.15 " ✓
~~Feb~~	~~3~~	~~11.00~~
	4	22.00

~~Balance~~ Ended at 16 Pgs.

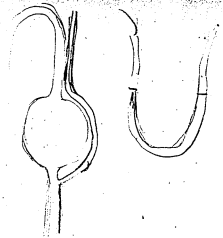
192

410. Jn limpo - forest - ponta 193
Orde office Jange Cuter G.T.
Res 117
Commenced Jan 24. 1880
timing a— 3.00

Jan	24	6.30
	25	6 00
	26	20.40
	27	21.40
	28	21.25
	29	11. 00 total 87.15 hours
	29	11. 00
	30	22. 00
	31	22-00
Feb	1	6. 00
	2	9. 00 " 157.15 "
	2	11. 00 " 179. 15 "
	3	11. 00

Bristol

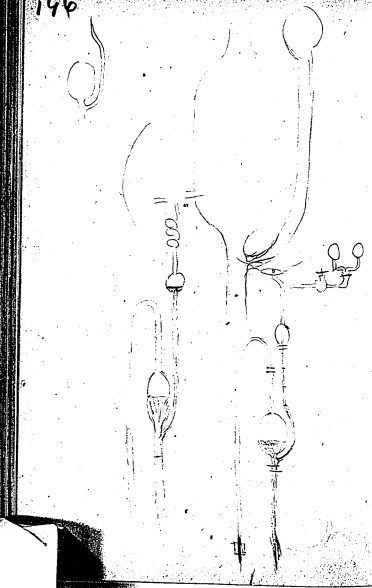
194



198 By way Optima forbes arrived 195
also others
Rio 1574
Commenced ~~ Jan 17. 1880
Journey ~~ at

Jan	17	19.00
	18	2.00
	19	19.00
	20	22.00
	21	9.15
	22	15:45
	23	13.00
	24	18.00
	25	6.00
	26	20.40
	27	20.45
	28	21.25
	29	11.00 Total hours 198.45 hours
	29	11.00
	30	22.00
	31	22.00
Feb.	1	6.00
	2	9.00 " " 268.45
	3	11.00 " " 290.45

Reached on arrival Feb. 12 1880
9.00 P.M. Total hours



#94 Jno Quincy Friend-hall

Reg. 127

Commenced running at— 1880 Jan. 26 at 12.00 noon

Jan	26	8.00	
	27	21.40	
	28	21.25	
	29	11. instead	62.05 - noon
	29	11.00	
	30	22.00	
	31	22.00	
Feb	1	6.00	
	2	7.00 "	132.05 "
	2	11.00	
	3	11.00 "	154.05 "

Jno Qcy Jr. Friend Hall. Braced at—

Pos. 8

198

L 63 Jan Mr. Batchelors Estimy rom 279
Rec 16/
Commenced
Running at
Private Customs
Comm. 11. 1850
Commercial Tapes

Practice after running on these
Tapes Rec 16. Rec.

Ex

466 Burnt 6 hours in Mr 20
Bottleless Oiling arm
Req. 146 January 3. 1880

Carbon broke at Clamps and
pos 2 and 11
another lamps broke 466 Broke
immediately Page 466

2 lamps 1 hour

#97 Small Carbon Jar Chem. Lab.
Rec Cambridge Tube on Thomas Desk
Cancelled
Rec 1420
Commenced Dec 26 1885
burning at 2.58

Broke at 8.85
5.07 Total time burned

Carbon broke out between 10 and 11

85 — Hanging on Irons by
Rod 125 — Burning pumps No. 4 —
Commenced burning at } Jan 26 1880
No. page 211 —

208

188 Chr Ann over Flammers Hooks 20
Large Custom Ornamental glass

Rec. 136

Commenced Dawn 24 1840
running at 5 40

June	24	7.30
	25	6.00
	26	20.40
	27	21.40
	28	21.25
	29	11.00 Total 78.15 Knots
	29	11.00
	30	22.00
	31	22.00
Feb.	1	6.00
	2	9.00 " 143.15 Knots
	3	11.00
	6	11.00 " 170.15 " ✓

Homer Gifford

259

Mrs Edmund Anderson

Rec 155

Commenced Jan. 26 1880

Commenced boarding at

Jan	26	3.00
	27	21.40
	28	21.25
	29	21.00
	29	11.00
	30	22.00
	31	22.00
Feb	8	6.00
	2	9.00
	2	11.00
	8	11.00

Total 137.05 Noon

" 159.05 "

210

1885 — Mrs Eavens fish-room 211
Cancelled

Roo 143

Commenced Jan. 29 1885

Longe Canton

Commenced Running at-

Jan.	26	3.00
	27	21.40
	28	21.25
	29	22.00
	30	22.00
	31	22.00
Feb	1	6.00
	2	9.00 Total 187.35 Roo
	2	11.00
	3	11.10 " 159.35 "

212

Yes

476 In Illinois Olive Bap. 213
Rec. 127 Dinah Carter. Emmeline
Commenced | Jan 26 1845
Burning of
Grove
Pa[illegible]
Carter [illegible]
Burn about 4 hours

214

Ohio Central Lines 215

1884

Under C. open Cars

Rep 142

Commenced running at 8.00 PM. Jan 26 1884 on first Chem. by passing North Side

Jan 26	4.00	
27	21.00	
28	21.25	
29	22.00	
30	22.00	
31	22.10	
Feb 1	6.00	
2	7.00	Total hours 127.25 - Revn
2	11.10	
3	11.10	" 149.25

Left - 1000 ft

Found in Cleveland Line

48 Ohm Wires By Mercury
Rio 145 — Small Carbon Connected
Commenced Jenny
Finished at 8.40
1 hours Carbon heated at
9 Pos.

496 Jan 10 Cotton Gin Pumps 29
Martin Dale
Jan 143

Cotton Gin 845
Engine oil -

Taken to Barnes Store
Jan 29. 1870

Look on page 268

220

221

508 Jn Swiss ½ Pumps
Enameled Large Cuban
Rec 15-1
Jan 26 1880
~~25~~ 11.00

Commenced
burning at

Finished at — 7.30

C. B mated out between C and J

Burnt 35 hours 1 flat

222

223

207 Jo. Devereux Rem. by Mr. Hamm

auditor measd - ship Jo.

No Res in book

Res

Commenced

Surveying at -

Finished - about 3 1/4 miles to Dix Payne's

3 1/4

Carbon bisected directly at - stamp

think connected to right - Old stake

creek up through the top very small

Burton

Jr

In book

Ala book page 57

Dorsal E. F

Flag on D.

9 45 ~~P~~

Booted at 9.00 Fixed out

Exactly Manilla Fiber

4.45 -- Total time

EX

226

529 Over Fresno Pumps resumed — 227

window Small Carbon Evacuated Bulbs —

Commenced running at — 1 Jan 28 1890 Hard Pressed paper
100 Ohms

Burnt 28 6 00

Res Burnt Upto Jan 29 / 32 hours Nom

J. 29

Bursted at — 2h. 00 Jan 30 / 1890

46 hours

Carbon Broke at 9 Pos.

228

229

Hanging over my Clerk 505 ✱
Bailey engaged 5th
Rd 150
Commenced June 26 1880
Running at — 2 FM Enumerator

June 26 8.00
27 20.40
28 21.25
29 11.00 Total 61.05 Noon

Taken by Pioneer by per from Edison
62 hms.

Taken by Pioneer by permission from
Jm Edison 62 hms.

97 Jn Harvest

Rec 140

Commenced Jan 28 1880 8.00 P.M.

Commenced running 11—

Jan	28	9.00	
	29	11.00	total 20. hours noon
	30	11.00	
	31	22.00	
Feb	1	22.00	
	2	6.00	
	2	9.00	" 90.00 hours noon
	3	11.00	" 112.00 " "

There.

Bins crossed at- enumerating bottom good hour burnt- 616 hours

232

Co Jos Barnes 233

Boo 127 engrossed Jan 26 1880

Commenced Journey at 3.00

Jan 28	9.00	
29	22.00	Total 20.00
30	22.10	
31	22.00	
Feb 1	6.00	
2	9.00	90.00 from
2	11.00	
3	11.00	112.00

Thurs Feb 3

~~Posted at 12 Midnight~~

~~Bismarck Feb 1880~~

Mrs

Bristol

234

235

5R Hotel

Reg 128

Commenced Examining at Jan 28 1880 8 oo

Jan	28	7. oo
	29	11. oo started 2 hours. noon
	29	11. oo
	30	22. oo
	31	22. oo
Feb	1	6. oo
	2	9. oo . 90. " noon
	2	11. oo
	3	11. oo . 112 " "

Trusted March 15 1880

2 oclock

Total hours 757

Jan 28 1880 Hotel Enrolled
Res, 35 Commenced. Jan 28 1880 2.00 PM
running at—

Jan 28 9.00
29 11.00 Total 20. noon
29 11.00
30 22.00
31 22.00
Feb 1 6.00
2 9.00 " 90.00 "
2 11.00
3 11.00 " 112.00 noon

Cotton as received [illegible]
on each [illegible]
for in Hull [illegible]
4.00 [illegible]

238

239

570 Jas Comstock Dive
Enumclaw
Rd. 136 Jan 28 1880
Commenced 3.00

Jan	28	9.00	
	29	11.00	total 20 hours run
	30	22.00	
	31	22.00	
Feb	1	6.00	
	2	9.00	98 " run
	2	11.00	
	3	11.00	112 " "

Put on Comstock wood
saw
Stone

Feb 18 1880

good run 19

240

482 Chas Ann Upton Wells Spring House 2X
(Enameled)

Rec. 126

Jan. 28. 1888

Jan. 28 26.00
29 11.00 Total 36.00 Hours
29 11.10
30 22.00
31 22.00
Feb. 1 6.00
2 9.00 " 106.00 Hours
2 17.00
3 11.00 " 128.00 "

12 Items

242

582
583 Hung by organ
Ro 124
Commenced
Finished

Jan 28. 1888
10 Bl. Manitou Pkg
Small cases

Jan 28 1.30
11.00
Jan 28 12.30 hours 23.30 hours
" 29 11.00 " "
" 30. 12.00 " 34.30 hrs nights

Finished at Wednesday at

243

244

533 On wire between Jarvis 245
and Sands annulled
Rec. 127
Commenced / January 28 1880
running dl- 11.30A
Manilla Report
Stopped at my 30 by rec.
12 hours coil breaking
Busted at 12 Jan 28 1880
Burned 34 hours total

GX

161 Jon third Commissioners Jour
ogden south side formerly on Tobe in
hand—camp changed for 253— arrivals arms
taken away Old style type with cuts

Rec. 147 } Jan 10. 1880
Hens hand— 133

Jan	10	18. 00
	11	7 00
	12	18 00
	13	22 00
	14	27.30
	15	22.00
	16	22 00
	17	18 00
	18	9 00
	19	17.00
	20	22. 00
	21	9. 15
	22	15. 45
	23	13. 00
	24	18. 00
	25	
	26	6. 00
	27	20. 00
	28	21. 40
	29	11. 00 Total 390.45 Noon
	30	11. 00
	31	22. 00
Feb	1	22. 00
"	2	6. 00
		9. 00 " 460.40 Noon
	7	11. 00
	8	11. 00 " 482.40 " V

248

Burster out of about 11.00 P.M.

Carbon broke at position 6

Total hours. 674

11

685

586 Jan Chemical Lam 249

R 157

Large C. Enam.

Commenced running at — Jan. 29 1800 6.00 PM

Jan	29.	6.00	
	30	22.00	
	31	22.00	
Feb	1	6.00	
	2	9.00	Total 68.00 Hours
	2	11.00	
	2	11.00	87.00 "

Burst out 1—11.—10.15

Burst total 242 hours

250

528 Jr Chem. Lab. 250

183

Rusted before fuel- in
carbon Dioxide at- and mean
elements Total Burning time 87 hrs

252

213

6-39. Jan Chandelier 2 arms.

Between 2 and Third chandelier
from on jam Ornate Carton mumiler
Rod 135 Paper
Commenced at Jan 29 1880
5.30
Jan 30 Finished
at 1.15 Total 7.45

Cartons take into 4 ornate pieces
Clamps trimm to one aisle.

EX

540 On mines directly non pumps
Res. 150 Carbonaceous Miscellaneous Papers
Commenced boring } Jan 29 1880.
5:20

Bored Carbonaceous Shales
Pos. 1 & 2

EX

256

257

125 - Dy Jagers Creek

Drummers Reserve

Dry Diggings

Jan 29 1880

6.40

Commenced running at

Bucket at Clamps pos 2

Do on Bank 69.20 Tons

Jan	29	5.20
	30	22.00
	31	22.00
Feb	1	6.00
	2	14.00

Total 69.20 tons

Abandoned at Clamps pos. 2

EX

527. Over [illegible] Creek 219

Rec 168

Commenced Running

Commenced L.C. Tuesday Jan 27 1880 Miners 6.00 PM

Jan 28	6.00
29	6.00
30	6.00
31	0.00
Feb ~~1~~ 2	6.00 Finished and have long hours per day
3	6.00 Total 30 hours

Changed from No Miners to Over Pioneers Bench opposite mouth of Lode.

Com. Running at ~~Pm~~ 12.10

~~Feb~~ Feb. 14/1880

Knocked off at 7.00

260

544 Bx Davis mer Pumps 260
Manilla, Canada Custom
Encumbered
$220
Commenced Jan 29. 1880
running at 10.30 PM

Jan	29	1.30	
	30	22.00	
	31	22.00	
Feb	1	6.00	
	2	9.00	Total 60.30 Runs
	2	11.00	
	3	11.00	82.30.
	3	11.00	
	4	11.00	104.30

Carbon broke 9/10 return of Tools &
6

262

5·84 Over Hammers desk 263

Res. 142 Encm. Supt Canton

Commenced running at } Jan 29 1880 Feb 10.30 PM

Jan	29	1.30
	30	22.00
	31	22.00
Feb	1	6.00
	2	9.00 Total 60.30 Kobs
	3	

Taken and sent for Blood Dy

Microscope book on rear Trolley 3

Changed to Batchelors desk

Total 342

Carson moved all — pass 7

Taken to Mariposa

Otter Res. 148

Commenced Jan. 27 1880

Commencing at

Has sent

Jan. 26 8.15

27 21.40

28 21.25

29. 11.00 Total

Jan. 29. 5-6.20

5-6.,20

Carried 29/56.20

29 6 00

30 22 00

31 22.00

Feb 1 6 00

2 9 00

2. 11. 00

3 11. 00 Total 143 Jno Dyon

Has no

Mr Sig 163

All right

546 South side first — 267

Chandelier rest — to organ

Rec. 135 — Jan 30. 1860

Commenced | Jan 30. 1860

2 00 PM

Jan 30 25.00

31 22.00

Feb 1 6.00

2 9.00

3 11.00

Total 73 hours 89.00 Rec

Exp.

268

269

545 — Jr. arm on Ore.

Clerk Douglas Carlin Engrm.

Res. 142 Jan. 30. 1880

Commenced 2.00 P.M.

running at Pioneer Custom

Braked at — 9.20

Hose turns — 4.00

5.00

8.20

17.20 Total Runs

Braked at Pts. 5

207 Jos Post Northside 2nd 272
Front of Office Bring from Edw Hoxx

Rec'd 127

Jany 1880

Hay burnt 114 hrs

Jany 8	22.00
9	15.80
10	19.15-
11	7.00
12	20.00
13	22.80
14	22.80
15	22.00
16	22.00
17	19.00
18	2.00
19	19.00
20	22.00
21	9.15-
22	15.45-
23	18.00
24	18.00
25	6.00
26	20.40
27	21.60-
28	21.25-
29	11.00 true 46 6.15 mm
30	22.00
31	22.00
Feb 1	6.00
2	9.00
3	20.00 " 5-40 15- "

12

Bristol 6611 - 6630 Feb. 12. 1880.

Total Issue 632 boxes.

Brought - from Edwin House

Lamp 353 from Lamp-post — by overtime Ship.

509. At Street Lamp Gate Corner Edwin's house

Res 165

Commenced burning at Jan 31. 1880 4. 00 P.M.

Jan 31	6. 00	—	
~~Feb~~	~~7. 00~~		
Feb 1	0. 00	✓	
2	0. 00		
3	0. 00	43 hrs	
	11. 00	Res worked ~~6600~~ hrs	

Month

Broke safety catch Iron

broke three times on Thirst post ~~Inside~~

Planed off Bristol Rd

Iron

Book

567. By office Street + South side 27
Rec. 165
Commenced beginning at — Jan 31. 1850 4. 00 PM

Jan	31	6. 00	
Feb	1	6. 00	
	2	9. a	43
	3	11. 00	
		11. 00 Dismd	K B Thorn

Market east running at —
Rec 8
Total Rec 443

Rec 748 Feb. 27. 1850

Date		Wheat Quantity	Wheat Amount	Wheaten Flour Quantity	Wheaten Flour Amount	Total Amount	Remarks
June	2	5	30	12	00	6 30	
"	3	12	00	12	30	12 30	
"	3	1	15	10	13	7 5·8	
"	4	3	10	12	00	8 50	
"	5	12	00	12	00	12 00	
"	5	5	40	12	00	6 20	
"	5	1	60	5	00	4 60	
"	6	12	00	12	00	12 00	
"	6	1	34	9	00	7 26	
"	7	1	00	7	00	6 00	
"	7	5	45	12	00	8 25	
"	8	1	00	12	00	11 00	
"	8	1	00	6	00	5 00	
"	8	2	00	12	20	5 20	
"	9	2	00	12	20	5 20	
"	9	1	00	5	00	4 00	
"	9	3	10	12	00	6 50	
"	10	12	00	6	00	6 00	
"	10	1	00	12	00	5 00	
"	10	1	00	9	15	8 15	149.15
"	11	5	00	12	00	7 00	
"	12	12	00	6	00	6 00	
"	12	2	00	12	00	5 00	
"	12	1	00	4	00	3 00	
"	12	5	00	12	00	6 00	
"	13	12	00	5	00	9 00	
"	13	6	00	12	00	6 00	
"	13	1	00	12	00	11 00	

Date		Wheat Quantity	Wheat Amount	Wheaten Flour Quantity	Wheaten Flour Amount	Total Amount	Remarks
June	14	12	00	6	00	6 00	
"	14	7	00	12	00	5 00	
"	14	1	00	12	00	11 00	
"	15	12	00	6	00	6 00	
"	15	7	00	12	00	5 00	
"	15	1	00	12	00	11 00	
"	16	12	00	12	00	12 00	
"	16	1	00	12	00	11 00	
"	17	12	00	6	00	6 00	
"	17	7	00	12	00	5 00	138.30
"	17	1	00	12	00	8 00	12.00
"	18	10	00	12	00	2 00	2.00
"	19	12	00	6	00	6 00	6.00
"	19	10	00	12	00	2 00	2.00 18.00
"	20	12	00	6	00	14 00	12.00
"	20	7	00	12	00	5 00	6.00
"	20	1	00	12	00	5 00	35.00 11.00
"	21	12	00	12	00	12 00	0
"	27	12	00	12	00	5 45	
"	22	12	00	6	00	6 00	Putting in new belt
"	22	7	00	9	00	2 00	Total 17.45
"	22	1	15	12	00	7 45	
"	23	12	00	6	00	6 00	
"	23	1	00	9	00	2 00	
"	23	7	00	12	00	5 00	
"	24	12	00	6	00	6 00	
"	24	1	00	12	00	5 00	Mills being Cleaned

Date	Hours Engaged	Hours Idle	Miles Run	Tons Carried	Remarks
Jan 24	4	30	12	00	7	50	
" 25	6	00	12	00	6	00	
" 25	12	00	6	00	6	00	
" 26	7	00	12	30	4	30	
" 26	1	00	8	40	2	40	
" 26	12	00	8	00	8	00	10.40 1040
" 27	12	00	6	00	6	00	
" 27	7	00	12	00	5	00	11.00
" 27	1	35			10	35	10.35 2125
					6	00	
					5	00	
	1	00	12	00	11	00	21.00 22
" 29	7	00	8	00	8	00	
" 29	6	00	12	00	5	00	16.00
" 29	1	00	12	00	10	00	29 11
" 30	12	00	6	00	6	00	
" 30	7	00	12	00	5	00	"
" 30	7	00	12	00			
" 30	1	00	12	00	11	00	30 22.00
Feb 31	12	00	6	00	6	00	
" 31	7	00	12	00	5	00	31 12.00
" 31	1	00	12	00	11	00	
Feb 1	6	00	12	00	6	00	Feb 1 6.00
" 2	12	00	6	00	6	00	" 2 11.00 Mon
" 2	7	00	12	00	5	00	
" 2	1	00	12	00	11	00	

Date	Hours Engaged	Hours Idle	Miles Run	Tons Carried	Remarks
Feb 3	12	00	6	00	6	00	
" 3	7	00	12	00	5	00	
" 3	1	00	12	00	11	00	22.00
" 4	12	00	6	00	6	00	
" 4	7	"	12	00	5	00	11.00 Mon
" 4	1	00	12	00	11	00	
" 5	12	00	6	00	6	00	
" 5	7	00	12	00	5	00	
" 5	1	00	12	00	11	00	22.00 "
" 6	12	00	6	00	6	00	
" 6	7	00	12	00	5	00	11.00
" 6	1	00	12	00	11	00	11
" 7	12	00	12	00	22	00	Tend Engineers
" 9	12	00	11	00	22	00	" " "
" 10	10	00			10	00	

No. of Leaves	Page	No. of Leaves	Page	No. of Leaves	Page	No. of Leaves	Page	No. of Leaves	Page
100		200		300		400		500	
159	1	229	59	315	37	423	110	417	95
~~159~~	~~1~~	209	271	334	39	425	105	~~200~~	
200	3	265	26	331	41	428	111	415	103
155	4			333	43	431	107	418	109
201	5			342	45	360	111	451	109
169	6			336	47	398	107	432	113
172	7			335	49	398	44	427	117
158	8			343	51	309	223	428	117
270	9			340	57			420	119
242	10			345	59			410	121
108	21			354	61			431	123
153	23			365	63			437	125
224	25			373	65			436	127
170	27			372	67			440	129
168	29			378	69			457	131
184	31			365	71			438	133
192	33			373	73			443	135
210	35			352	75			444	137
218	37			366	77			406	139
198	39			353	79			441	141
161	41			325	81			423	143
208	43			349	83			442	145
188	45			330	85			453	147
179	47			388	87			447	149
161	49			393	89			445	151
				398	91			448	153
				396	93			432	155
				371	97			456	157
				363	99			460	159
				329	101			490	161
								496	163

No. of Leaves	Page
472	165
470	167
481	171
470	173
403	175
457	177
468	179
464	181
469	183
461	185
467	187
458	189
467	191
440	193
463	199
466	201
455	195
~~494~~	~~197~~
458	207
499	209
465	211
496	213
484	215
498	217
496	219
483	221
508	223
506	225
507	231
579	233

Nr.					
500		500			
502	233				
509	237				
510	239				
482	241				
532	243				
533	245				
536	249				
528	250				
539	253				
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525	257				
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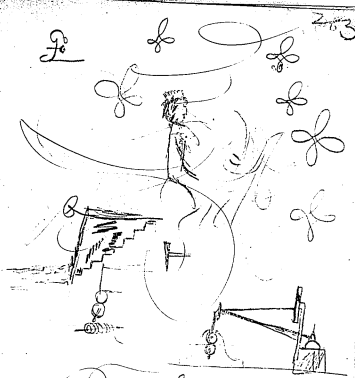
Fortsetzung in Band 13



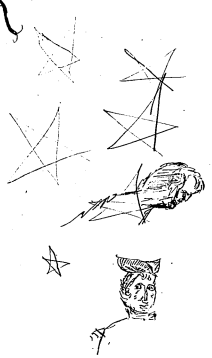
28

555
~~556~~ Went to England
556
554
553 550. Brake Pg clamp
559 and civil Instrgr.

Mrs Jobs

5:27 12. 68

13

R & Co

J.H.